



INVERTER
1FDUF-IV-Z-GN



INVERTER
2FDUF-IV-Z-GN



INVERTER
3FDUF-IV-Z-GN

Product Features

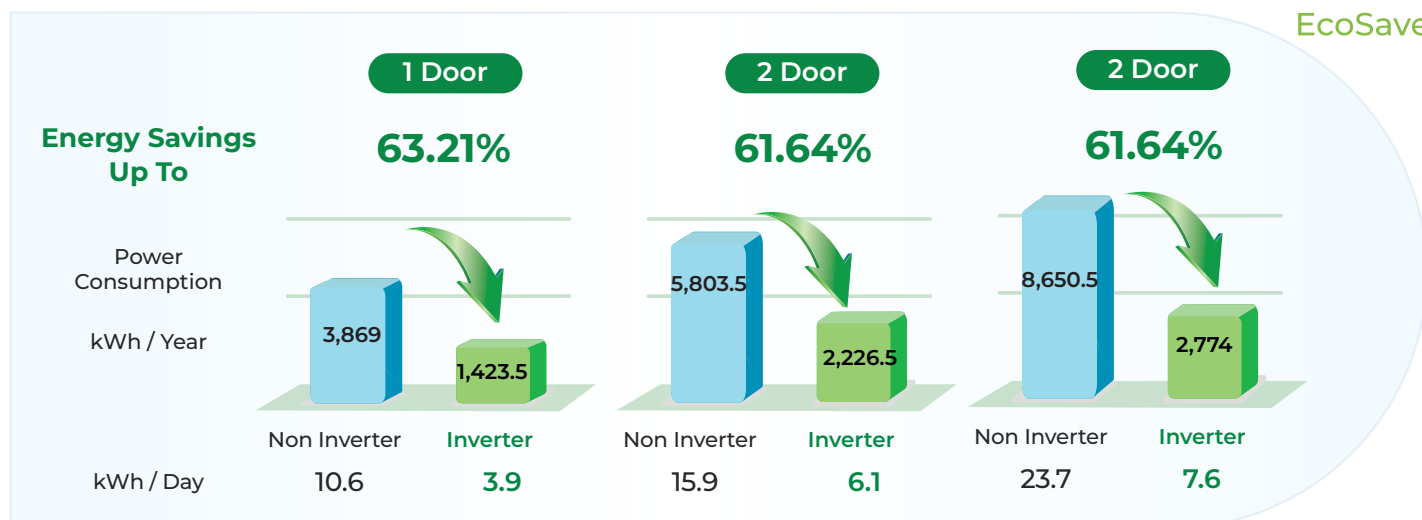
- **Inverter Compressor**, Smart, Variable speed, Longer Lifespan
- **R290 Environmental Friendly Refrigerant**
- **Temperature Control**, Consistent Cooling
- **Cooling Performance**, Fast and Adaptive
- **Durable Stainless Steel** Exterior and Interior
- Solid Door
- Automatic Defrost System
- Ventilated System
- High-Density Cyclo-isopentane Polyurethane
- Voltage 220 - 230V, Frequency 50 / 60Hz

Product Specifications

	1 Door	2 Door	3 Door
Model	1FDUF-IV-Z-GN	2FDUF-IV-Z-GN	3FDUF-IV-Z-GN
Temperature °C (Celsius)	-18 to -12	-18 to -12	-18 to -12
Dimension (L x W x H) (mm)	680 x 840 x 2060	1350 x 840 x 2060	2020 x 840 x 2060
Gross Volume (Litres)	555	1192	1846
Energy Consumption (kWh)*	3.9	6.1	7.6
Energy Savings (kWh / Day)*	6.7	9.8	16.1
Energy Savings Up To (% / Year)*	63.21	61.64	61.64
PVC Coated Shelving	5	10	15
Energy Consumption Rating in MELS **	33.5	31.4	27.3
EEI Tick Level	✓✓✓✓	✓✓✓✓	✓✓✓✓

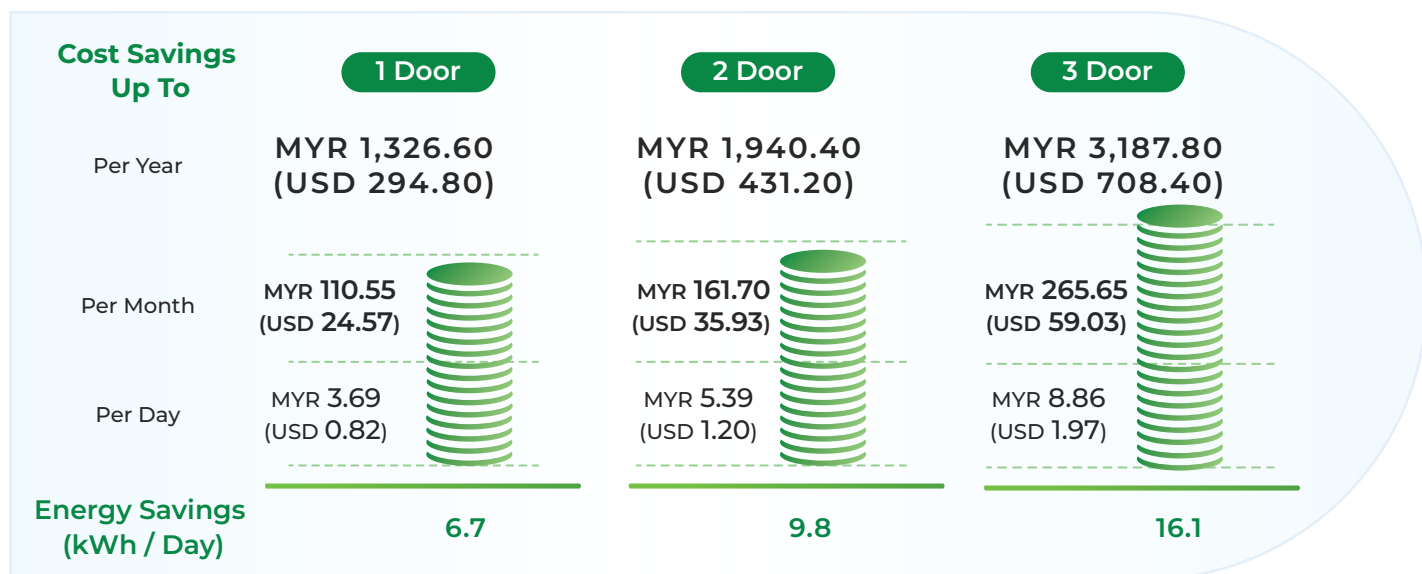
* Energy Savings compared with Standard Model

** In-House Laboratory Testing Report



- Laboratory Test in Cabinet Full Load Condition
- During the Laboratory test open the door every 10 minutes and hold for 6 seconds each time, simulating the usage method of end-user.
- Applicable test follow the ISO 22041 Standard.
- Actual Energy consumption is based on the actual operation and storage method from the end-user.

Electricity and Cost Savings



- Electricity Tariff Assumption (Malaysia):
Calculations are based on Tenaga Nasional Berhad (TNB) Commercial Tariff, estimated at MYR 0.55 / kWh (≈ USD 0.12 / kWh).
- * Source : <https://www.tnb.com.my/commercial-industrial/pricing-tariffs1>
- * USD conversion is for reference only and based on an indicative exchange rate.
- Actual electricity charges may vary depending on tariff category and usage.

